

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1-17. (Cancelled)

18. (Currently Amended) ~~The nucleic acid of claim 17, wherein the An isolated nucleic acid comprising a sequence [[is]] of SEQ ID NO: 1.~~

19. (Cancelled)

20. (Currently Amended) The nucleic acid of claim [[19]] 18, wherein the nucleic acid encodes a polypeptide containing SEQ ID NO: 7.

21-22. (Cancelled)

23. (Previously Presented) An isolated cell comprising the nucleic acid of claim 20.

24-28. (Cancelled)

29. (Previously Presented) A transgenic plant that contains the nucleic acid of claim 20.

30. (Previously Presented) The transgenic plant of claim 29, wherein the plant is a monocot plant.

31. (Previously Presented) The transgenic plant of claim 30, wherein the plant is a cereal plant.

32. (Previously Presented) The transgenic plant of claim 31, wherein the plant is rice.

33. (Previously Presented) The transgenic plant of claim 31, wherein the plant is barley.

34-41. (Cancelled)

42. (Currently Amended) The method of claim 35, A method of expressing a transcript in an isolated cell, the method comprising:
introducing a vector into an isolated cell, the vector comprising a nucleic acid encoding a polypeptide containing an amino acid sequence of SEQ ID NO:7, and
expressing the transcript in the cell
wherein the sequence of the polypeptide consists of SEQ ID NO: 7.

43. (Cancelled)

44. (Currently Amended) The method of claim [[35]] 42, wherein the sequence of the polypeptide consists of SEQ ID NO: 7.

45-46. (Cancelled)

47. (Currently Amended) The isolated nucleic acid of claim [[19]] 18, wherein the amino acid sequence of the encoded polypeptide consists of SEQ ID NO: 7.

48-51. (Cancelled)